

Item no	Description of work	Unit	Qty as per Quoted Rate			Previous			Present			Total Upto Date		
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount
80	Fabricating, providing and erecting in position Hot dip galvanized Gate. Using 72x72x4 8 mm Sq. GI Pipe Frame with top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanized sq rod for verticals at 150mm c/c, as shown in the drawing including providing hot do galvanized forged ornamental design in between rods and heads at top, middle and bottom. Intermediate supports of 75x12mm and 50x6mm arch bent to hot dip galvanized flats The work is inclusive of thorough GI, Flat GI Sqm. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials Like GI Sq. GI Pipe, GI Forged designs etc., heavy duty hinges are made out of 75mm sold sq. block assembled with 20mm du bearing in three places for each flop Heavy duty locking arrangement of low places including cost of labour, painting, erection charges using hoist pulley cranes, with all lead and lift, loading, transportation, unloading, scaffolding charges and all other complete as per specifications and directions of Engineer incharge of work.	Sqm	4.32	13096.29	56575.97	0	13096.29	0	0.00	13096.29	0	0.00	0.00	
81	Providing & Fixing of Mineral Fibre Suspended Ceiling System in the module size of 600x600x19mm with exposed grid. The tiles should have Humidity Resistance(RH) of 99%, Light Reflectance 87%, Thermal conductivity k=0.052-0.057w/m K, NRC-0.7, colour white, Fire Performance UK A2 S1, do with antimicrobial coating on the face of the tile, suitable for zone 4 area according to NF S 90-35 2003 with clean room class of ISO 5(class 100), Decontamination class of CP10 and Bacteriological cleanliness class B1 for specific strains and reduction in colony size. Washability properties of 500 wash cycles as per ASTM D-4828 and suitable for Green Building application with Recycled content of 37%. The tile shall be laid on 24mm wide T-section flanges colour white having rotary stitching on all 4 sections i.e. the main runner, 1200mm & 600mm cross tees with web height of 38mm and a load carrying sections should have a galvanizing of 90g/m ² per sqm and need to be installed with suspension system of approved make complete as per specifications and directions of Engineer incharge of work.	Sqm	401.94	2816.32	1131991.66	0	2816.32	0	0.00	2816.32	0	0.00	0.00	

Item no	Description of work	Unit	Qty as per Quoted Rate			Previous			Present			Total Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
82	Providing and fixing veneer paneling over the 50mm x 35mm sal wood frame work at spacing not exceeding 600mm c/c fixed to the wall and top covered out of 4mm thick approved veneer fixed over 12mm ply of approved brand ,termite and water resistant,finished with mealamme polish, complete including cost and conveyance of all materials, labour for all items of work HOM of equipment etc., complete as per specifications and directions of Engineer incharge of work.	Sqm	51.66	4239.22	218998.11	0	4239.22	0	0.00	4239.22	0	0.00	0.00
83	Providing and fixing of Aluminium composite panel of approved make and colour for wall cladding for straight Brick/Rcc/stone walls & coloumns/beams with necessary aluminium frame works at required level made out of 50x25x3mm C section or equivalent. The panel should consist of 2.5 mm thermoplastic core of antitoxic LDPE sandwiched between 0.25 skins thick aluminium sheet making a total panel thickness of 3mm. The surfaces will be finished with PVDF based coating on topsides and service coating on reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleats and stainless steel bolts and nuts complete with spring washer and cap nuts and all other necessary accessories, sealing shall be done using weather sealant of Dow Corning 789 with necessary rods etc., complete as per specifications and directions of Engineer incharge of work.	Sqm	71.28	4988.65	355590.97	0	4988.65	0	0.00	4988.65	0	0.00	0.00
84	Providing, fabricating and fixing of stick type structural glazing using Alluminium Extrusions of 63.5 mm x 58.00 mmx 2.25 mm of 1.73 kgs/ mtr for vertical and Horizontal members and 63.5 mm x 38.1 x 1.33 mm of 0.759 kg/Mtr, as outer frame with Electro Anodized Paint coated block finishing, using 6mm thick imported glass reflective hard coatedocean blue raw glass with all necessary accesorries like ultra glass Silicon sealant of Space tape, Masking tape, Galvanized Anchor bolt, machine screws, 6mm thick M.S. angle 50mm x 150mm x 6mm M.S. Galvanized L Brackets, structural sealent setting clocks, fasteners, wall connection etc., complete as per specifications and directions of Engineer incharge of work.	Sqm	25.74	7543.06	194158.36	0	7543.06	0	0.00	7543.06	0	0.00	0.00

Item no	Description of work	Unit	Qty as per Quoted Rate			Previous			Present			Total Up to Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
85	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Water in the vicinity, its quality 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc., complete as per specifications and directions of Engineer incharge of work.	each BV	1.00	3955.65	3955.65	0	3955.65	0	1.00	3955.65	3955.65	1.00	3955.65
86	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.) complete as per specifications and directions of Engineer incharge of work. 0 to 50 m	Rmtr	50.00	364.28	18214.00	0	364.28	0	50.00	364.28	18214	50.00	18214.00
87	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.) complete as per specifications and directions of Engineer incharge of work. 50 to 100 m	Rmtr	50.00	464.01	23200.50	0	464.01	0	50.00	464.01	23200.5	50.00	23200.50

Item no	Description of work	Unit	Qty as per Quoted Rate			Previous			Present			Total Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
88	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) complete as per specifications and directions of Engineer incharge of work. 100 to 150 m	Rmtr	50.00	478.71	23935.50	0	478.71	0	50.00	478.71	23935.5	50.00	23935.50
89	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) complete as per specifications and directions of Engineer incharge of work. 150 to 200 m	Rmtr	50.00	562.69	28134.50	0	562.69	0	50.00	562.69	28134.5	50.00	28134.50
90	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) complete as per specifications and directions of Engineer incharge of work. 200 to 250 m	Rmtr	50.00	665.57	33278.50	0	665.57	0	50.00	665.57	33278.5	50.00	33278.50

Item no	Description of work	Unit	Qty as per Quoted Rate			Previous			Present			Total Up to Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
91	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.) complete as per specifications and directions of Engineer incharge of work. 250 to 300 m	Rmtr	50.00	734.86	36743.00	0	734.86	0	50.00	734.86	36743	50.00	36743.00
92	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.) complete as per specifications and directions of Engineer incharge of work. 300 to 350m	Rmtr	50.00	866.09	43304.50	0	866.09	0	50.00	866.09	43304.5	50.00	43304.50
93	Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick conforming to IS 4270-2001 and latest amendments, electric resistance welded steel tube material and conforming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded conforming to IS 554/1985, one end fixed with socket conforming to IS 4270-2001 and the other end with screwed conforming to IS 4270-2001 (Inclusive of all taxes and duties) Prices include Collar-medium duty complete as per specifications and directions of Engineer incharge of work.	Rmtr	70.00	1390.99	97369.30	0	1390.99	0	70.00	1390.99	97369.3	70.00	97369.30
94	Providing 250mm dia PVC Pipe 6kg/cm complete as per specifications and directions of Engineer incharge of work.	Rmtr	18.00	1154.78	20786.04	0	1154.78	0	18.00	1154.78	20786.04	18.00	20786.04
95	Providing and fixing 160mm Borewell Cap complete as per specifications and directions of Engineer incharge of work.	Each	1.00	104.98	104.98	0	104.98	0	1.00	104.98	104.98	1.00	104.98

Item no	Description of work	Unit	Qty as per Quoted Rate			Previous			Present			Total Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
96	Supply and delivery at site brand New texmo/ innova/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for operation of 3PH., 50 Hz. 380/440 volts AC supply fitted with required accessories such as suction, casing suction strainers sand guard Non return valve etc. complete. The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps (12.5 HP 25 Stage) complete as per specifications and directions of Engineer incharge of work.	No	1.00	63407.92	63407.92	0	63407.92	0	1.00	63407.92	63407.92	1.00	63407.92
97	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour, charges HOM of equipments complete as per specifications and directions of Engineer incharge of work.	Mtr	300.00	452.46	135738.00	0	452.46	0	300.00	452.46	135738	300.00	135738.00
98	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor conforming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & conforming to GTP of GROUP-A. complete as per specifications and directions of Engineer incharge of work.	Mtr	540.00	133.01	71825.40	0	133.01	0	540.00	133.01	71825.4	540.00	71825.40
99	Labour charges for erection as new /repaired submersible pumpset allong with GI pipe (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pumpset should be handed over to department including transportation (Each lenth =6.00) complete as per specifications and directions of Engineer incharge of work.	Each	43.33	92.38	4002.83	0	92.38	0	43.33	92.38	4002.8254	43.33	4002.83

Item no	Description of work	Unit	Qty as per Quoted Rate			Previous			Present			Total Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
100	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc ,complete as per specifications and directions of Engineer incharge of work.	Each	1.00	317.04	317.04	0	317.04	0	✓ 1.00	✓ 317.04	317.04	✓ 1.00	✓ 317.04
101	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq mm wire armoured) conforming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & conforming to GTP of GROUP-A complete as per specifications and directions of Engineer incharge of work.	Mtr	30.00	147.39	4421.70	0	147.39	0	✓ 30.00	✓ 147.39	4421.7	✓ 30.00	✓ 4421.70
102	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required In existing trench/duct complete as per specifications and directions of Engineer incharge of work.	Mtr	30.00	11.34	340.20	0	11.34	0	✓ 30.00	✓ 11.34	340.2	✓ 30.00	✓ 340.20
103	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete as per specifications and directions of Engineer incharge of work.	Mtr	25.00	89.23	2230.75	0	89.23	0	✓ 25.00	✓ 89.23	2230.75	✓ 25.00	✓ 2230.75
104	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV complete as per specifications and directions of Engineer incharge of work.	Mtr	3.00	362.18	1086.54	0	362.18	0	✓ 3.00	✓ 362.18	1086.54	✓ 3.00	✓ 1086.54
105	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., complete as per specifications and directions of Engineer incharge of work.	No.	1.00	293.94	293.94	0	293.94	0	✓ 1.00	✓ 293.94	293.94	✓ 1.00	✓ 293.94

Item no	Description of work	Unit	Qty as per Quoted Rate			Previous			Present			Total Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
106	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia. complete as per specifications and directions of Engineer incharge of work.	No	1.00	2862.80	2862.80	0	2862.80	0	1.00	2862.80	2862.80	1.00	2862.80
107	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers complete as per specifications and directions of Engineer incharge of work.	No.	6.00	188.96	1133.76	0	188.96	0	6.00	188.96	1133.76	6.00	1133.76
108	Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of Engineer incharge of work.	Nos	2.00	1658.05	3316.10	0	1658.05	0	2.00	1658.05	3316.10	2.00	3316.10
109	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete as per specifications and directions of Engineer incharge of work.	No	1.00	239.25	239.25	0	239.25	0	1.00	239.25	239.25	1.00	239.25
110	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc complete as per specifications and directions of Engineer incharge of work.	No	4.00	109.49	437.96	0	109.49	0	4.00	109.49	437.96	4.00	437.96
111	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps Group A TPN complete as per specifications and directions of Engineer incharge of work.	No	1.00	1624.04	1624.04	0	1624.04	0	1.00	1624.04	1624.04	1.00	1624.04

Item no	Description of work	Unit	Qty as per Quoted Rate			Previous			Present			Total Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
112	Supplying fully automatic store delta starter unit push button type with suitable wires three contractors one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3 phase and wired offer fixing to the wooden board for motor upto 12.50 HP complete as per specifications and directions of Engineer incharge of work.	No.	1.00	6910.83	6910.83	0	6910.83	0	✓ 1.00	6910.83	6910.83	✓ 1.00	6910.83
113	Earthwork excavation for pipeline trenches including deporting or bank up to a lead of 50 mtrs including shirry and statting danger lighting and using site rails and bombing poles at every 100 mtrs wherever necessary as directed in th following structure manhole complete as per specifications and directions of Engineer incharge of work.	Cum	67.50	197.36	13321.80	0	197.36	0	✓ 67.50	197.36	13321.8	✓ 67.50	13321.80
114	Providing and instalation at site of works P. V. C. Pipes including cost of pipes and specials and including lowering into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the excecavation Etc., complete as per specifications and directions of Engineer incharge of work.	Rmtr	100.00	164.82	16482.00	0	164.82	0	✓ 100.00	164.82	16482	✓ 100.00	16482.00
115	Refilling the basement and pipeline trenches with seclcted available earthe for trench excavation including authority condition in layers from thedi including dispnsary of the sunplus earth with a heavy 200 mtrs complete as per specifications and directions of Engineer incharge of work.	Cum	67.50	64.04	4322.70	0	64.04	0	✓ 67.50	64.04	4322.7	✓ 67.50	4322.70
116	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of Engineer incharge of work.	Each	4.00	2225.58	8902.32	0	2225.58	0	✓ 4.00	2225.58	8902.32	✓ 4.00	8902.32
117	Providing and fixing of clampset and borewell cap to the pump complete as per specifications and directions of Engineer incharge of work.	No.	1.00	472.41	472.41	0	472.41	0	✓ 1.00	472.41	472.41	✓ 1.00	472.41
118	Providing and 175mm dia MS Coller etc as per specification and direction engineer in charge of the work.	Nos.	15.00	157.47	2362.05	0	157.47	0	✓ 15.00	157.47	2362.05	✓ 15.00	2362.05
119	Providing Heavyduty coller 50mm dia complete as per specifications and directions of Engineer incharge of work.	Nos.	15.00	157.47	2362.05	0	157.47	0	✓ 15.00	157.47	2362.05	✓ 15.00	2362.05

Item no	Description of work	Unit	Qty as per Quoted Rate			Previous			Present			Total Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
120	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair supporting clamps, one borewell cap. Cable clips with bolts, nuts, valves guages etc., involved in the job (Necessary GI pipe and specials with be supplied by the board at the site free of cost) complete as per specifications and directions of Engineer incharge of work.	Nos	1.00	3149.40	3149.40	0	3149.40	0	1.00	3149.40	3149.4	1.00	3149.40
121	Providing 20mm square M/S footrest and fixing in manhole Nos 232.00 with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications and directions of Engineer incharge of work.	No s	4.00	312.92	1251.68	0	312.92	0	4.00	312.92	1251.68	4.00	1251.68
122	Providing and fixing white vitreous china clay, water closet european type (pedestal type, p-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications and directions of Engineer incharge of work.	Each	7.00	5619.03	39333.21	0	5619.03	0	4.00	5619.03	22476.12	4.00	22476.12
123	Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32mm C.P brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications and directions of Engineer incharge of work.	Unit	5.00	3570.29	17851.45	0	3570.29	0	4.00	3570.29	14281.16	4.00	14281.16
124	Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications and directions of Engineer incharge of work.	Unit	5.00	1287.98	6439.90	0	1287.98	0	4.00	1287.98	5151.92	4.00	5151.92

Item no	Description of work	Unit	Qty as per Quoted Rate			Previous			Present			Total Qty as per Quoted Rate	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
125	Providing and fixing C.P brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P brass screws including cost of materials, labour complete as per specifications and directions of Engineer incharge of work.	Unit	5.00	837.87	4189.35	0	837.87	0	4.00	837.87	3351.48	4.00	3351.48
126	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia complete as per specifications and directions of Engineer incharge of work.	Each	8.00	170.07	1360.56	0	170.07	0	4.00	170.07	680.28	4.00	680.28
127	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirments and testing. For Rain water pipe complete as per specifications and directions of Engineer incharge of work. 110 mm dia	m	132.00	492.06	64951.92	0	492.06	0	132.00	492.06	64951.92	132.00	64951.92
128	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirments and testing. For Rain water pipe complete as per specifications and directions of Engineer incharge of work. 160mm dia	m	66.30	967.12	64120.06	0	967.12	0	66.30	967.12	64120.056	66.30	64120.06

Item no	Description of work	Unit	Qty as per Quoted Rate			Previous			Present			Total	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
129	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm complete as per specifications and directions of Engineer incharge of work.	Nos.	7.00	9625.83	67380.81	0	9625.83	0	7.00	9625.83	67380.81	7.00	67380.81
130	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 2000 Litre capacity) complete as per specifications and directions of Engineer incharge of work.	Each	1.00	15482.95	15482.95	0	15482.95	0	1.00	15482.95	15482.95	1.00	15482.95
131	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of Engineer incharge of work.	Each	6.00	196.14	1176.84	0	196.14	0	4.00	196.14	784.56	4.00	784.56
132	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of Engineer incharge of work.	Each	6.00	159.86	959.16	0	159.86	0	4.00	159.86	639.44	4.00	639.44
133	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of Engineer incharge of work.	Each	2.00	380.95	761.90	0	380.95	0	2.00	380.95	761.90	2.00	761.90

Item no	Description of work	Unit	Qty as per Quoted Rate			Previous			Present			Total Up to 1500 hrs	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
134	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) complete as per specifications and directions of Engineer incharge of work. 20mm nominal OD pipes	m	39.40	266.44	10497.74	0	266.44	0	39.40	266.44	10497.736	39.40	10497.74
135	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) complete as per specifications and directions of Engineer incharge of work. 25mm nominal OD pipes	m	39.40	332.20	13088.68	0	332.20	0	39.40	332.20	13088.68	39.40	13088.68
136	Point wiring using copper wire without switch (Class A material). Supplying and wiring adopting loop system in existing PVC conduit/casing capping using 2X1.5sqmm(phase & Neutral) & 1X1.0 Sqmm (Earth Wire) FRL Smultistrand PVC insulated ,2x1.5sqmm copper confirming to the GTP With a 6Amps flusg type SP control switch shall be fixed on the existing plastic sheet / gand box .the other end of the wire shall be terminated with sufficient loose length in a wood/PVC round block, complete for each outlet complete as per specifications and directions of Engineer incharge of work.	Point	36.00	209.96	7558.56	0	209.96	0	36.00	209.96	7558.56	36.00	7558.56

Item no	Description of work	Unit	Qty as per Quoted Rate		Previous			Present		Total Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount
137	Point wiring using copper wire without switch (Class A material). Supplying and wiring adopting loop system in existing PVC conduit/casing capping using 2X1.5Sqmm(phase &Neutral) &1X1.0 Sqmm (Earth Wire) FRLSmultistrand PVC insulated ,2x1.5sqmm copper conforming to the GTP With a 6Amps flusg type SP control switch shall be fixed on the existing plastic sheet / gand box .the other end of the wire shall be terminated with sufficient loose length in a wood/PVC round block, complete for each outlet complete as per specifications and directions of Engineer incharge of work.	Point	20.00	288.70	5774.00	0	288.70	0	20.00	5774	5774.00
138	Concealed Conduit System - Supplying heavy gauge PVC conduit pipe 20/25/32 mm dia 2mm thick confirming to IS 2509 with suitable size bends metal/pvc junction boxes, adhesive paste etc, and running before concreting and slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary complete as per specifications and directions of Engineer incharge of work. 25mm dia, 2mm thick	Rm	110.00	55.64	6120.40	0	55.64	0	110.00	6120.4	6120.40
139	Concealed Conduit System - Supplying heavy gauge PVC conduit pipe 20/25/32 mm dia 2mm thick confirming to IS 2509 with suitable size bends metal/pvc junction boxes, adhesive paste etc, and running before concreting and slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary complete as per specifications and directions of Engineer incharge of work. 32mm dia, 2mm thick	Rm	80.00	87.13	6970.40	0	87.13	0	80.00	6970.4	6970.40
140	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary complete as per specifications and directions of Engineer incharge of work. 19/20mm dia, 2mm thick	Mtr	100.00	53.54	5354.00	0	53.54	0	100.00	5354	5354.00

Item no	Description of work	Unit	Qty as per Quoted Rate			Previous			Present			Total Up to Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
141	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary complete as per specifications and directions of Engineer incharge of work.25mm dia, 2mm thick	Mtr	70.00	56.69	3968.30	0	56.69	0	70.00	56.69	3968.3	70.00	3968.30
142	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary complete as per specifications and directions of Engineer incharge of work.32mm dia, 2mm thick	Mtr	40.00	85.03	3401.20	0	85.03	0	40.00	85.03	3401.2	40.00	3401.20
143	Supplying and flush modular powder coated / galvanized metal box suitable for mounting modular switch plates. the box should be firmil flush mounted after due groove cutting in brick /stone/C.C wall complete as per specifications and directions of Engineer incharge of work 1 - 3 Way.	Each	20.00	99.73	1994.60	0	99.73	0	20.00	99.73	1994.6	20.00	1994.60
144	Supplying and flush modular powder coated / galvanized metal box suitable for mounting modular switch plates. the box should be firmil flush mounted after due groove cutting in brick /stone/C.C wall complete as per specifications and directions of Engineer incharge of work 4 - 5 Way.	Each	15.00	110.23	1653.45	0	110.23	0	15.00	110.23	1653.45	15.00	1653.45
145	Supplying 6A flush type socket and 6 amp flush type SP switch either surface/flush mountinh in existing gang box or in 4mm thik plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wire as required as per IS 1293 and IS 3654 complete as per specifications and directions of Engineer incharge of work 6AMP 3/5 and Switch.	Each	100.00	138.57	13857.00	0	138.57	0	100.00	138.57	13857	100.00	13857.00
146	Supplying and mounting 2 Nos. of 2 Way 6amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flusg mounted wooden box and wiring as per IS 1293 complete as per specifications and directions of Engineer incharge of work	Each	20.00	179.52	3590.40	0	179.52	0	20.00	179.52	3590.4	20.00	3590.40

Item no	Description of work	Unit	Qty as per Quoted Rate			Previous			Present			Total Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
147	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854 complete as per specifications and directions of Engineer incharge of work 16Amps Combined switch and socket with indication	No	10.00	203.66	2036.60	0	203.66	0	✓ 10.00	✓ 203.66	✓ 2036.6	✓ 10.00	✓ 2036.60
148	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854 complete as per specifications and directions of Engineer incharge of work Electronic stepped regulator.	No	25.00	221.51	5537.75	0	221.51	0	✓ 25.00	✓ 221.51	✓ 5537.75	✓ 25.00	✓ 5537.75
149	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendments complete as per specifications and directions of Engineer incharge of work 2.5sqmm.	Mtr	250.00	33.59	8397.50	0	33.59	0	✓ 250.00	✓ 33.59	✓ 8397.5	✓ 250.00	✓ 8397.50
150	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendments complete as per specifications and directions of Engineer incharge of work 4sqmm.	Mtr	205.00	47.24	9684.20	0	47.24	0	✓ 205.00	✓ 47.24	✓ 9684.2	✓ 205.00	✓ 9684.20
151	Supplying and fixing Metal Fan Box with Round Hook complete as per specifications and directions of Engineer incharge of work	Nos	25.00	89.23	2230.75	0	89.23	0	✓ 20.00	✓ 89.23	✓ 1784.6	✓ 20.00	✓ 1784.60
152	Supplying and fixing of Group A, regular MCB distribution boards on wall/woodboard/flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB'S single phase/ 3 phase / single door with powder coated painting made out of SWG MS enclosure complete as per specifications and directions of Engineer incharge of work 12 way SP & N.	Nos	10.00	1270.26	12702.60	0	1270.26	0	✓ 10.00	✓ 1270.26	✓ 12702.6	✓ 10.00	✓ 12702.60
153	Supply and fixing miniature circuit breakers on the existing MCB distribution boards using necessary fixing materials and "C" type curve, Indicator ON/OFF energy cross -3 with as required confirming to IEC 60898 complete as per specifications and directions of Engineer incharge of work 5-32 AMPS DP.	Nos	10.00	954.27	9542.70	0	954.27	0	✓ 10.00	✓ 954.27	✓ 9542.7	✓ 10.00	✓ 9542.70

Item no	Description of work	Unit	Qty as per Quoted Rate			Previous			Present			Total Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
154	Supplying, fixing and wiring earth electrode for grounding conduits, I.C. cutouts and others equipments on the meter board using 40mm dia 2.90mm long buried in a pit. the pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit ect, is to be established through GI wire of size as ISI specification 7.3.3 of IS 732 using 12mm dia bolt, nut, washers and check nuts ect... the pipe shall have 16 through holes of 122mm dia, complete as per specifications and directions of Engineer incharge of work.	No	1.00	3149.09	3149.09	0	3149.09	0	1.00	3149.09	3149.09	1.00	3149.09
155	Supplying and running of GI/ copper strips for grounding connections, using necessary fixing materials as required complete as per specifications and directions of Engineer incharge of work. 25 x 3mm G.I strip	Mtr	35.00	78.74	2755.90	0	78.74	0	35.00	78.74	2755.9	35.00	2755.90
156	Supplying of feet - PVC Batten with integrated LED tube W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition. LED light fighting 1 x4'- 20/22 w complete as per specifications and directions of Engineer incharge of work.	Each	35.00	393.68	13778.80	0	393.68	0	35.00	393.68	13778.8	35.00	13778.80
157	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system complete as per specifications and directions of Engineer incharge of work. 48" sweep (1200mm)	Each	25.00	2194.08	54852.00	0	2194.08	0	20.00	2194.08	43881.6	20.00	43881.60
158	Supply Exhaust fan if 1440 RPM of (12") size with dracket blades complete for light duty suitable to -operate on 230V 50Hz, supply complete as per specifications and directions of Engineer incharge of work.	Each	7.00	1259.76	8818.32	0	1259.76	0	3.00	1259.76	3779.28	3.00	3779.28

Item no	Description of work	Unit	Qty as per Quoted Rate			Previous			Present			Total Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
159	Supplying and Fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete, protection of Overload and Short circuit with thermal Magnetic/Microprocessed release and Earth Fault as per IS-13947. (icu = lcs) (53/4.12) complete as per specifications and directions of Engineer incharge of work. 630Amps 50kA	Each	2.00	30535.99	61071.98	0	30535.99	0	2.00	30535.99	61071.98	2.00	61071.98
160	Supplying and Fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete, protection of Overload and Short circuit with thermal Magnetic/Microprocessed release and Earth Fault as per IS-13947. (icu = lcs) (53/4.12) complete as per specifications and directions of Engineer incharge of work. 63/100Amps 25kA	Each	2.00	6098.29	12196.58	0	6098.29	0	2.00	6098.29	12196.58	2.00	12196.58
161	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' cure, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required. Confirming to IEC 60898. (54/6.15) complete as per specifications and directions of Engineer incharge of work. 40-63Amps TPN	Each	16.00	2032.41	32518.56	0	2032.41	0	16.00	2032.41	32518.56	16.00	32518.56
162	Supplying and fixing Trivector meter suitable for operation LT operation and CT operated meter in polycarbonate body in class 0.5 accuracy as per IS 14697 and completely wired complete as per specifications and directions of Engineer incharge of work.	Each	2.00	3966.14	7932.28	0	3966.14	0	2.00	3966.14	7932.28	2.00	7932.28
163	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C (48/6.36) complete as per specifications and directions of Engineer incharge of work.	Each	2.00	464.01	928.02	0	464.01	0	2.00	464.01	928.02	2.00	928.02
164	Supplying, fixing and wiring 50/5 to 1000/5Amps 5VA burden Current Transformer. Class 0.5 accuracy with Tape Wound (48/6.32) complete as per specifications and directions of Engineer incharge of work.	Each	2.00	755.86	1511.72	0	755.86	0	2.00	755.86	1511.72	2.00	1511.72

Item no	Description of work	Unit	Qty as per Quoted Rate			Previous			Present		
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount
165	Supplying of 1.1 KV LT UG cable having aluminium conductor PVC insulated, extruded inner sheathed, galvanised, steel strip (except 2Cx 10Sq mm wire armoured) Confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1998 & confirming to the attached GTP of GROUP-A. (62/7.4) complete as per specifications and directions of Engineer incharge of work. 3.5 core 240 sqmm	Mtr	30.00	1186.27	35588.10	0	1186.27	0	30.00	1186.27	35588.10
166	Supplying of 1.1 KV LT UG cable having aluminium conductor PVC insulated, extruded inner sheathed, galvanised, steel strip (except 2Cx 10Sq mm wire armoured) Confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1998 & confirming to the attached GTP of GROUP-A. (62/7.4) complete as per specifications and directions of Engineer incharge of work. 3.5 core 25 sqmm	Mtr	28.40	188.96	5366.46	0	188.96	0	28.40	188.96	5366.46
167	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. In existing trench/duct. (68/7.8) complete as per specifications and directions of Engineer incharge of work 25 sqmm to 75 sqmm	Mtr	30.00	16.27	488.10	0	16.27	0	30.00	16.27	488.10
168	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. In existing trench/duct. (68/7.8) complete as per specifications and directions of Engineer incharge of work 300 sqmm 400 Sqmm	Mtr	28.40	33.59	953.96	0	33.59	0	28.40	33.59	953.96
169	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.(64/7.21) complete as per specifications and directions of Engineer incharge of work 25 sqmm Long Barrel	Each	6.00	21.62	129.72	0	21.62	0	6.00	21.62	129.72

Project

Voucher No..... Dated.....

Item no	Description of work	Unit	Qty as per Quoted Rate			Previous			Present			Total Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
170	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes (64/7.21) complete as per specifications and directions of Engineer incharge of work. 300 sqmm Long Barrel	Each	6.00	354.83	2128.98	0	354.83	0	✓	354.83	2128.98	6.00	2128.98
171	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) (69/7.14) complete as per specifications and directions of Engineer incharge of work. 50mm dia	Each	6.00	267.70	1606.20	0	267.70	0	✓	267.70	1606.2	6.00	1606.20
172	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) (69/7.14) complete as per specifications and directions of Engineer incharge of work. 75mm dia	Each	4.00	520.70	2082.80	0	520.70	0	✓	520.70	2082.8	4.00	2082.80
173	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating. (68/7.9) In soil (hard) complete as per specifications and directions of Engineer incharge of work.	Mtr	15.00	11.28	169.20	0	11.28	0	✓	11.28	169.2	15.00	169.20
174	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. (68/7.12) complete as per specifications and directions of Engineer incharge of work. 40mm	Mtr	15.00	355.00	5325.00	0	355.00	0	✓	355.00	5325	15.00	5325.00
175	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. (68/7.12) complete as per specifications and directions of Engineer incharge of work. 65mm	Mtr	15.00	600.00	9000.00	0	600.00	0	✓	600.00	9000	15.00	9000.00
	Total				17475749.8			10142807	✓	10142089	5650957	✓	15791746
	12% GST				2097089.97			1217137	✓	1217130	678115	✓	13015002
	Grand Total				19572839.7			11359944	✓	11360259	6329072	✓	17689016

Certificate

1. The Work executed by the contractor is found satisfactory
2. The contractor has removed the debris from the work spot
3. There are no departmental issues for this work

Contractor

Assistant Engineer

Assistant Executive Engineer

Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92